

WHAT IS CLAIMED IS:

1. A module comprising:

a photosensitive element; and

a film containing a materials for shielding light, which is formed on a surface of a region except for a light receiving portion in a module surface through which light reaches the photosensitive element.

2. A method of manufacturing a module, comprising the steps of:

forming a module using a module mold in which an unevenness portion is formed on a surface of at least a portion of a region except for a light receiving portion; and then

immersing the module into a solution containing a light shielding material to selectively deposit a film containing the light shielding material on the unevenness portion.

3. A method of manufacturing a module according to claim 2, wherein the unevenness portion has a size of 0.01 micrometers to 1000 micrometers.

4. A method of manufacturing a module, comprising the steps of:

forming a module using a module mold in which an unevenness portion is formed on a surface of at least a

portion of a region except for a light receiving portion; then immersing the module into a solution containing a light shielding material to selectively deposit a film containing the light shielding material on the unevenness portion; and thermal-treating the module at a temperature of 50 °C to 150 °C to cure the film containing the light shielding material.

09527119270